

**INFORMATION DISCLOSURE STATEMENT**

Applicant : Broadley et al.
App. No. : 10/621,004
Filed : July 15, 2003
For : REFERENCE ELECTRODE HAVING A
MICROFLUIDIC FLOWING LIQUID
JUNCTION
Examiner : Bell, B.F.
Group Art Unit : 1746

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 35 references that are of record in related applications hereto, U.S. patent application No. 09/590,781, filed June 8, 2000, now U.S. Patent No. 6,599,409, U.S. patent application No. 09/738,881, filed December 14, 2000, now U.S. Patent No. 6,616,821. The present application claims the priority date of the parent of this continuation application, Application No. 09/590,781, under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed with an RCE and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 9/15/04

By: 

Gregory A. Hermanson
Registration No. 53,018
Attorney of Record
Customer No. 20,995
(619) 235-8550

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. BROADRE.23CP1C2	APPLICATION NO. 10/621,004
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Broadley et al.	
		FILING DATE July 15, 2003	GROUP 1746

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	2,595,042	04/29/52	Wyllie			
	2	3,445,368	05/20/69	M. Detemple			
	3	3,528,904	09/15/70	Cliffgard			
	4	3,607,702	09/21/71	Haller			
	5	3,756,936	09/04/73	Neuwelt			
	6	3,915,829	10/28/75	Krebs			
	7	3,917,523	11/04/75	Stein et al.			
	8	3,926,765	12/16/75	Haddad			
	9	4,002,547	01/11/77	Neti et al.			
	10	4,012,308	03/15/77	Jerrold-Jones et al.			
	11	4,177,126	12/04/79	Imaki et al.			
	12	4,366,040	12/28/82	Marsoner et al.			
	13	4,495,052	01/22/85	Brezinski			
	14	4,592,823	06/03/86	Gregory			
	15	4,592,824	06/03/86	Smith et al.			
	16	4,818,366	04/04/89	Yonco et al.			
	17	5,360,529	11/01/94	Edwards et al.			
	18	5,397,452	03/14/95	Buck et al.			
	19	5,632,876	05/23/97	Zanzucchi et al.			
	20	6,165,336	12/26/00	Maki et al.			

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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	APPLICANT Broadley et al.	
	FILING DATE July 15, 2003	GROUP 1746

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	21	WO 99/56954	11/11/99	PCT				
	22	WO 99/63334 A1	12/09/99	PCT				
	23	WO 01/75430 A2	10/11/01	PCT				
	24	GB 2 093 193 A	08/25/82	UK				
	25	JP 10104193-A2	04/24/98	JAPAN			X	
	26	JP 11258197-A2	09/24/99	JAPAN			X	
	27	2 541 4624	02/17/83	FRANCE			X	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	28	Brezinski, Donald, <i>Kinetic, static and stirring errors of liquid junction reference electrodes</i> , Corning Glass Works, April 1983: Vol 108, No. 1285, pp 425-442
	29	Illingworth, John, <i>A common source of error in pH measurements</i> Biochem. J. (1981) 195,259-262
	30	Covington et al., <i>Improvements in the precision of Ph measurements a laboratory reference electrode with renewable free-diffusion liquid junction</i> , Analytica Chemical Acta, 169(1985) 221-229
	31	Dohner et al., <i>Reference electrode with free-flowing free-diffusion liquid junction</i> , Analytical Chemistry, Vol 68, No. 12 (1986) pp 2585-2589
	32	Nishizawa, M. et al.: Metal nanotubule membranes with electrochemically switchable ion-transport selectivity; Science, American Assoc for the advancement of science: 268, 700-702 (1995)
	33	Peters, G.: A reference electrode with free-diffusion liquid junction for electrochemical measurements under changing pressure conditions; Analytical Chemistry, US American Chemical Society: 69:13 2362-2366 (1997)
	34	Suzuki et al., "Microfabricated Liquid Junction Ag/AgCl Reference Electrode and its Application to a One-Chip Potentiometric Sensor, <i>Anal. Chem.</i> Vol. 71, No. 22, pp. 5069-5075, November 15, 1999
	35	Hulteen, J.C. et al. (1997) A general template-based method for the preparation of nanomaterials. <i>J. Matr. Chem.</i> 7(7):1075-1087.

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